

# **SCORE Search Results Details for Application 10540215 and Search Result 20070413\_115700\_us-10-540-215- 3.rge.**

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This page gives you Search Results detail for the Application 10540215 and Search Result 20070413\_115700\_us-10-540-215-3.rge.

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GenCore version 6.2  
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OM nucleic - nucleic search, using sw model

Run on: April 14, 2007, 02:47:24 ; Search time 1159 Seconds  
(without alignments)  
1371.561 Million cell updates/sec

Title: US-10-540-215-3  
Perfect score: 23  
Sequence: 1 cactgagggagaggactgggt 23

Scoring table: IDENTITY\_NUC  
Gapop 10.0 , Gapext 1.0

Searched: 7568541 seqs, 34560148153 residues

Total number of hits satisfying chosen parameters: 15137082

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%  
Maximum Match 100%  
Listing first 300 summaries

Database : GenEmbl:\*

1: gb\_env:\*

2: gb\_pat:\*

3: gb\_ph:\*

4: gb\_pl:\*

5: gb\_pr:\*

6: gb\_ro:\*

7: gb\_sts:\*

8: gb\_sy:\*

9: gb\_un:\*

10: gb\_vi:\*

11: gb\_ov:\*

12: gb\_htg:\*

13: gb\_in:\*

14: gb\_om:\*

15: gb\_ba:\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

%

Result	Query					Description
	No.	Score	Match	Length	DB	ID
1	23	100.0	23	2	CQ840728	CQ840728 Sequence
2	23	100.0	698	5	HUMCG6BA	M13505 Human chori
3	23	100.0	861	2	CQ840730	CQ840730 Sequence
4	23	100.0	861	2	CQ840731	CQ840731 Sequence
5	23	100.0	861	2	CQ840732	CQ840732 Sequence
6	23	100.0	861	2	CQ971472	CQ971472 Sequence
7	23	100.0	861	2	CQ971473	CQ971473 Sequence
8	23	100.0	861	2	CQ971474	CQ971474 Sequence
9	23	100.0	893	2	AR134541	AR134541 Sequence
10	23	100.0	893	2	AR134542	AR134542 Sequence
11	23	100.0	893	2	AR279531	AR279531 Sequence
12	23	100.0	893	2	AR279532	AR279532 Sequence
13	23	100.0	931	5	BC041054	BC041054 Homo sapi
14	23	100.0	984	5	HUMCG7B2	M13503 Human chori
15	23	100.0	1665	5	HSCG01	X00266 Human chori
16	23	100.0	1949	5	AK092722	AK092722 Homo sapi
17	23	100.0	3386	5	AK125108	AK125108 Homo sapi
c 18	23	100.0	39022	12	AC145704	AC145704 Homo sapi
c 19	23	100.0	42606	12	AC145722	AC145722 Homo sapi
20	23	100.0	152827	12	AC143347	AC143347 Homo sapi
c 21	23	100.0	157633	5	AC008687	AC008687 Homo sapi
c 22	23	100.0	157669	12	AC143345	AC143345 Homo sapi
c 23	23	100.0	164635	12	AC143346	AC143346 Homo sapi
24	23	100.0	165378	12	AC143332	AC143332 Homo sapi
25	23	100.0	178728	12	AC143348	AC143348 Homo sapi

&lt;!--StartFragment--&gt;RESULT 2

HUMCG6BA

LOCUS HUMCG6BA 698 bp DNA linear PRI 01-NOV-1994

DEFINITION Human chorionic gonadotropin beta-subunit (CG-beta-6) gene, exon 1.

ACCESSION M13505

VERSION M13505.1 GI:180429

KEYWORDS gonadotropin.

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 698)

AUTHORS Policastro,P.F., Daniels-McQueen,S., Carle,G. and Boime,I.

TITLE A map of the hCG beta-LH beta gene cluster

JOURNAL J. Biol. Chem. 261 (13), 5907-5916 (1986)

PUBMED 2422163

COMMENT Original source text: Homo sapiens placenta DNA.

FEATURES Location/Qualifiers

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/mol\_type="genomic DNA"  
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200. .698  
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exon

200. .571  
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CDS

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/translation="MEMFQ"

intron

572. .>698  
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ORIGIN Chromosome 19q13.3.

Query Match 100.0%; Score 23; DB 5; Length 698;

Best Local Similarity 100.0%; Pred. No. 49;

Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 371 CACTGAGGGGAGAGGACTGGGT 393

&lt;!--EndFragment--&gt;

&lt;!--StartFragment--&gt;RESULT 9

AR134541

LOCUS AR134541 893 bp DNA linear PAT 16-MAY-2001

DEFINITION Sequence 5 from patent US 6194154.

ACCESSION AR134541

VERSION AR134541.1 GI:14123446

KEYWORDS

SOURCE Unknown.

ORGANISM Unknown.

Unclassified.

REFERENCE 1 (bases 1 to 893)

AUTHORS Bellet,D., Bidart,J.-M., Vidaud,M. and Lazar,V.

TITLE Malignant human cell transformation detection method

JOURNAL Patent: US 6194154-A 5 27-FEB-2001;

FEATURES Location/Qualifiers

source 1..893

/organism="unknown"

/mol\_type="unassigned DNA"

ORIGIN

Query Match 100.0%; Score 23; DB 2; Length 893;

Best Local Similarity 100.0%; Pred. No. 49;

Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACTGAGGGAGAGGACTGGGT 23

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Db 179 CACTGAGGGAGAGGACTGGGT 201

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Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 371 CACTGAGGGAGAGGACTGGGT 393

## RESULT 3

CQ840730  
 LOCUS CQ840730 861 bp DNA linear PAT 29-JUL-2004  
 DEFINITION Sequence 5 from Patent WO2004058999.  
 ACCESSION CQ840730  
 VERSION CQ840730.1 GI:50838341  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.  
 REFERENCE 1  
 AUTHORS Zimmermann, G. and Alexander, H.  
 TITLE Method and means for determining specific conditions or changes in  
 the uterine epithelium and in the epithelium of other organs  
 JOURNAL Patent: WO 2004058999-A 5 15-JUL-2004;  
 Universitaet Leipzig (DE)  
 FEATURES Location/Qualifiers  
 source 1. .861  
 /organism="Homo sapiens"  
 /mol\_type="unassigned DNA"  
 /db\_xref="taxon:9606"  
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## ORIGIN

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Qy 1 CACTGAGGGAGAGGACTGGGT 23  
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 Db 176 CACTGAGGGAGAGGACTGGGT 198

## RESULT 4.

CQ840731  
 LOCUS CQ840731 861 bp DNA linear PAT 29-JUL-2004  
 DEFINITION Sequence 6 from Patent WO2004058999.  
 ACCESSION CQ840731  
 VERSION CQ840731.1 GI:50838342  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.  
 REFERENCE 1  
 AUTHORS Zimmermann, G. and Alexander, H.  
 TITLE Method and means for determining specific conditions or changes in  
 the uterine epithelium and in the epithelium of other organs  
 JOURNAL Patent: WO 2004058999-A 6 15-JUL-2004;  
 Universitaet Leipzig (DE)  
 FEATURES Location/Qualifiers  
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 Db 176 CACTGAGGGAGAGGACTGGGT 198

## RESULT 5

CQ840732

LOCUS CQ840732 861 bp DNA linear PAT 29-JUL-2004  
 DEFINITION Sequence 7 from Patent WO2004058999.

ACCESSION CQ840732

VERSION CQ840732.1 GI:50838343

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Zimmermann,G. and Alexander,H.

TITLE Method and means for determining specific conditions or changes in  
 the uterine epithelium and in the epithelium of other organsJOURNAL Patent: WO 2004058999-A 7 15-JUL-2004;  
 Universitaet Leipzig (DE)

FEATURES Location/Qualifiers

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 Db 176 CACTGAGGGAGAGGACTGGGT 198

## RESULT 6

CQ971472

LOCUS CQ971472 861 bp DNA linear PAT 05-JAN-2005  
 DEFINITION Sequence 5 from Patent WO2004109292.

ACCESSION CQ971472

VERSION CQ971472.1 GI:57163069

KEYWORDS

SOURCE Homo sapiens (human)

ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.

REFERENCE 1

AUTHORS Alexander,H. and Zimmermann,G.

TITLE Method and means for the determination of defined states or  
 modifications in the mucus of the uterus or in the epithelium of  
 other organs

JOURNAL Patent: WO 2004109292-A 5 16-DEC-2004;

FEATURES Universitaet Leipzig (DE)  
 source Location/Qualifiers  
 1. .861  
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## ORIGIN

Query Match 100.0%; Score 23; DB 2; Length 861;  
 Best Local Similarity 100.0%; Pred. No. 49;  
 Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACTGAGGGGAGAGGACTGGGT 23  
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 Db 176 CACTGAGGGGAGAGGACTGGGT 198

## RESULT 7

CQ971473  
 LOCUS CQ971473 861 bp DNA linear PAT 05-JAN-2005  
 DEFINITION Sequence 6 from Patent WO2004109292.  
 ACCESSION CQ971473  
 VERSION CQ971473.1 GI:57163070  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.  
 REFERENCE 1  
 AUTHORS Alexander, H. and Zimmermann, G.  
 TITLE Method and means for the determination of defined states or  
 modifications in the mucus of the uterus or in the epithelium of  
 other organs  
 JOURNAL Patent: WO 2004109292-A 6 16-DEC-2004;  
 Universitaet Leipzig (DE)  
 FEATURES Location/Qualifiers  
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## ORIGIN

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Qy 1 CACTGAGGGGAGAGGACTGGGT 23  
 |||||||  
 Db 176 CACTGAGGGGAGAGGACTGGGT 198

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CQ971474  
 LOCUS CQ971474 861 bp DNA linear PAT 05-JAN-2005  
 DEFINITION Sequence 7 from Patent WO2004109292.  
 ACCESSION CQ971474  
 VERSION CQ971474.1 GI:57163071  
 KEYWORDS  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;

Catarrhini; Hominidae; Homo.

REFERENCE 1  
 AUTHORS Alexander, H. and Zimmermann, G.  
 TITLE Method and means for the determination of defined states or modifications in the mucus of the uterus or in the epithelium of other organs  
 JOURNAL Patent: WO 2004109292-A 7 16-DEC-2004;  
 Universitaet Leipzig (DE)  
 FEATURES Location/Qualifiers  
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Qy 1 CACTGAGGGAGAGGACTGGGT 23  
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 Db 176 CACTGAGGGAGAGGACTGGGT 198

## RESULT 9

AR134541  
 LOCUS AR134541 893 bp DNA linear PAT 16-MAY-2001  
 DEFINITION Sequence 5 from patent US 6194154.  
 ACCESSION AR134541  
 VERSION AR134541.1 GI:14123446  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 Unclassified.  
 REFERENCE 1 (bases 1 to 893)  
 AUTHORS Bellet, D., Bidart, J.-M., Vidaud, M. and Lazar, V.  
 TITLE Malignant human cell transformation detection method  
 JOURNAL Patent: US 6194154-A 5 27-FEB-2001;  
 FEATURES Location/Qualifiers  
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Qy 1 CACTGAGGGAGAGGACTGGGT 23  
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 Db 179 CACTGAGGGAGAGGACTGGGT 201

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AR134542  
 LOCUS AR134542 893 bp DNA linear PAT 16-MAY-2001  
 DEFINITION Sequence 6 from patent US 6194154.  
 ACCESSION AR134542  
 VERSION AR134542.1 GI:14123447  
 KEYWORDS  
 SOURCE Unknown.  
 ORGANISM Unknown.  
 Unclassified.  
 REFERENCE 1 (bases 1 to 893)

AUTHORS Bellet,D., Bidart,J.-M., Vidaud,M. and Lazar,V.  
TITLE Malignant human cell transformation detection method  
JOURNAL Patent: US 6194154-A 6 27-FEB-2001;  
FEATURES Location/Qualifiers  
source 1. .893  
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## ORIGIN

Query Match 100.0%; Score 23; DB 2; Length 893;  
Best Local Similarity 100.0%; Pred. No. 49;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACTGAGGGAGAGGACTGGGT 23  
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Db 179 CACTGAGGGAGAGGACTGGGT 201

&lt;!--StartFragment--&gt;RESULT 13

BC041054

LOCUS BC041054 . 931 bp mRNA linear PRI 07-OCT-2003  
 DEFINITION Homo sapiens chorionic gonadotropin, beta polypeptide, mRNA (cDNA clone MGC:52151 IMAGE:5431911), complete cds.  
 ACCESSION BC041054  
 VERSION BC041054.1 GI:26996823  
 KEYWORDS MGC.  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens  
 Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi; Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini; Catarrhini; Hominidae; Homo.  
 REFERENCE 1 (bases 1 to 931)  
 AUTHORS Strausberg, R.L., Feingold, E.A., Grouse, L.H., Derge, J.G., Klausner, R.D., Collins, F.S., Wagner, L., Shenmen, C.M., Schuler, G.D., Altschul, S.F., Zeeberg, B., Buetow, K.H., Schaefer, C.F., Bhat, N.K., Hopkins, R.F., Jordan, H., Moore, T., Max, S.I., Wang, J., Hsieh, F., Diatchenko, L., Marusina, K., Farmer, A.A., Rubin, G.M., Hong, L., Stapleton, M., Soares, M.B., Bonaldo, M.F., Casavant, T.L., Scheetz, T.E., Brownstein, M.J., Usdin, T.B., Toshiyuki, S., Carninci, P., Prange, C., Raha, S.S., Loquellano, N.A., Peters, G.J., Abramson, R.D., Mullahy, S.J., Bosak, S.A., McEwan, P.J., McKernan, K.J., Malek, J.A., Gunaratne, P.H., Richards, S., Worley, K.C., Hale, S., Garcia, A.M., Gay, L.J., Hulyk, S.W., Villalon, D.K., Muzny, D.M., Sodergren, E.J., Lu, X., Gibbs, R.A., Fahey, J., Helton, E., Ketteman, M., Madan, A., Rodrigues, S., Sanchez, A., Whiting, M., Madan, A., Young, A.C., Shevchenko, Y., Bouffard, G.G., Blakesley, R.W., Touchman, J.W., Green, E.D., Dickson, M.C., Rodriguez, A.C., Grimwood, J., Schmutz, J., Myers, R.M., Butterfield, Y.S., Krzywinski, M.I., Skalska, U., Smailus, D.E., Schnurch, A., Schein, J.E., Jones, S.J. and Marra, M.A.

TITLE Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences

JOURNAL Proc. Natl. Acad. Sci. U.S.A. 99 (26), 16899-16903 (2002)  
 PUBMED 12477932

REFERENCE 2 (bases 1 to 931)  
 AUTHORS Strausberg, R.

TITLE Direct Submission

JOURNAL Submitted (13-DEC-2002) National Institutes of Health, Mammalian Gene Collection (MGC), Cancer Genomics Office, National Cancer Institute, 31 Center Drive, Room 11A03, Bethesda, MD 20892-2590, USA

REMARK NIH-MGC Project URL: <http://mgc.nci.nih.gov>  
 COMMENT Contact: MGC help desk  
 Email: [cgapbs-r@mail.nih.gov](mailto:cgapbs-r@mail.nih.gov)  
 Tissue Procurement: ATCC  
 cDNA Library Preparation: Rubin Laboratory  
 cDNA Library Arrayed by: The I.M.A.G.E. Consortium (LLNL)  
 DNA Sequencing by: National Institutes of Health Intramural Sequencing Center (NISC),  
 Gaithersburg, Maryland;  
 Web site: <http://www.nisc.nih.gov/>  
 Contact: [nisc\\_mgc@nhgri.nih.gov](mailto:nisc_mgc@nhgri.nih.gov)  
 Akhter, N., Ayele, K., Beckstrom-Sternberg, S.M., Benjamin, B., Blakesley, R.W., Bouffard, G.G., Breen, K., Brinkley, C., Brooks, S., Dietrich, N.L., Granite, S., Guan, X., Gupta, J., Haghghi, P., Hansen, N., Ho, S.-L., Karlins, E., Kwong, P., Laric, P., Legaspi, R., Maduro, Q.L., Masiello, C., Maskeri, B., Mastrian, S.D., McCloskey, J.C., McDowell, J., Pearson, R., Stantripop, S., Thomas, P.J., Touchman, J.W., Tsurgeon, C., Vogt, J.L., Walker, M.A., Wetherby, K.D., Wiggins, L., Young, A., Zhang, L.-H. and Green, E.D.

Clone distribution: MGC clone distribution information can be found through the I.M.A.G.E. Consortium/LLNL at: <http://image.llnl.gov>

Series: IRAL Plate: 44 Row: i Column: 13  
This clone was selected for full length sequencing because it  
passed the following selection criteria: matched mRNA qI: 15451749.

FEATURES Locality/Qualifiers

source 1. .931  
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/mol\_type="mRNA"  
/db\_xref="taxon:9606"  
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/tissue\_type="Brain, astrocytoma, grade IV"  
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PILPQ"

misc\_feature 472. .792  
/gene="CGB"  
/note="GHB; Region: Glycoprotein hormone beta chain homologues. Also called gonadotropins. Glycoprotein hormones consist of two glycosylated chains (alpha and beta) of similar topology"  
/db\_xref="CDD:smart00068"

## ORIGIN

Query Match 100.0%; Score 23; DB 5; Length 931;  
Best Local Similarity 100.0%; Pred. No. 49;  
Matches 23; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 CACTGAGGGAGAGGGACTGGGT 23  
Db 213 CACTGAGGGAGAGGGACTGGGT 235

## RESULT 14

HUMCG7B2  
LOCUS HUMCG7B2 984 bp DNA linear PRI 01-NOV-1994  
DEFINITION Human chorionic gonadotropin beta-subunit (CG-beta-7) gene, exon 1.  
ACCESSION M13503  
VERSION M13503.1 GI:180432  
KEYWORDS gonadotropin.  
SEGMENT 2 of 2  
SOURCE Homo sapiens (human)  
ORGANISM Homo sapiens  
Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
Catarrhini; Hominidae; Homo.  
REFERENCE 1 (bases 1 to 984)  
AUTHORS Policastro, P.F., Daniels-McQueen, S., Carle, G. and Boime, I.  
TITLE A map of the hCG beta-LH beta gene cluster  
JOURNAL J. Biol. Chem. 261 (13), 5907-5916 (1986)

PUBMED 2422163  
COMMENT Original source text: Homo sapiens placenta DNA.  
FEATURES Location/Qualifiers  
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exon 485..857  
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ORIGIN About 140 bp after segment 1; chromosome 19q13.3.

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Db 657 CACTGAGGGAGAGGACTGGGT 679

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HSCG01  
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 DEFINITION Human chorionic gonadotropin (HCG) gene 6 beta subunit.  
 ACCESSION X00266  
 VERSION X00266.1 GI:29907  
 KEYWORDS complementary DNA; glycoprotein; gonadotropin; signal peptide.  
 SOURCE Homo sapiens (human)  
 ORGANISM Homo sapiens

Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
 Mammalia; Eutheria; Euarchontoglires; Primates; Haplorrhini;  
 Catarrhini; Hominidae; Homo.

REFERENCE 1 (bases 1 to 1665)

AUTHORS Talmadge,K., Vamvakopoulos,N.C. and Fiddes,J.C.

TITLE Evolution of the genes for the beta subunits of human chorionic  
 gonadotropin and luteinizing hormone

JOURNAL Nature 307 (5946), 37-40 (1984)

PUBMED 6690982

FEATURES Location/Qualifiers

source 1. .1665

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ORIGIN

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